CT L GT V AA K CA Q	GCT L TTC S ATT F GAT M	GGTC V 1. TGAC E 19 TGAC S 3 TGTC V 3	70 CACG T 30 GCTG L 90 CCTT L 10 GTGA	CCTGC L STTAI L CCCT P CCAG Q	GCC A GAC D CCC P AAA K	CCTC L CTTC F GGAA E ACGA R	TGCT C C TTCT F F GCTG A V AGCC S L	CAAAA GCTA 15 TCA 1 2 TTGA A 2 TTCA I 3	ACCA Q 50 FTAC S 10 CAGC A TTGC 30 TTCC	AGGC A E CCAA K CGGA E	CCAA N AACC P AGTI L AAGI V	M ATGO A CTCT L IAGO G ICCT L	K CCGA E GTT F GAGT V	L GTT CAA K GAA K	S 110 ICTG C 170 AGTT L 230 AGAGG R 290 AAAT I 350 TTCA	GGT V CCCC P CAAC SATC C IATT L D	C CAGO A A GENERAL TO THE K GENERAL	CTCTT L TTGCC A CGGAT D
CT L GT V AA K CA Q	GCT L TTC S ATT F GAT M	TGTO V 1. TGAO D 20 GTCO S 3 TGTO V	GAAA 70 CACG T 30 GCTG L 90 CCTT L 10 GTGA	CCTG L STTA L CCCT P	GCC A GAC D CCC P AAA	CCTC L CTTC F GGAA E ACGA R	TGCT C C TTCT F F GCTG A V AGCC S L	CAAAA (CAAAA (CAAAAA (CAAAAAA (CAAAAAA (CAAAAA (CAAAAA (CAAAAA (CAAAAA (CAAAAAA (CAAAAA (CAAAAA (CAAAAA (CAAAAA (CAAAAAA (CAAAAAA (CAAAAA) (CAAAAAAAA (CAAAAAA) (CAAAAAAAAA) (CAAAAAAAAAA	AACA 90 ACCA Q 50 TTAC A TTGC A 30 TCC	AGGC A E E CCAA K	NACC PAGTI L	M ATGC A CTCT L TAGG	K CCGA E GTT F GAGT V	L GTI F CAA K GAA K	IGTC S 110 ICTG C 170 AGTT L 230 AGAG R 290 AAAAT I 350 TTCA	GGT V CCCC P TAAC SATC C IATT L	C CAGO A GTCT L GCAC T TGAA	CTCTT L TTGCC A CGGAT D
CT L GT V AA K	GCT L TTC S ATT F GAT M	TGTO GGTO TGAO TGAO	GAAA 70 CACG T 30 GCTG L 90 CCTT L 110	CCTG L STTA L CCCT P	GCC A GAC D CCC P AAA	CCTC L CTTC F GGAA E ACGA R	TGCT C C TTCT F F GCTG A V AGCC S L	CAAAA QGCTA 15 TCA I 2 TTGA A 2 TTCA I 3	AACA 90 ACCA Q 50 TTAC A 70 TTGC A	AGGC A E E CCAA K	NACC PAGTI L	M ATGC A CTCT L TAGG	K CCGA E GTT F GAGT V	L GTI F CAA K GAA K	IGTC S 110 ICTG C 170 AGTT L 230 AGAG R 290 AAAT I 350	GGT V CCCC P CAAC S OCC C C IATI L	C CAGO A GTCT L GCAC T TGAA	CTCTT L TTGCC A CGGAT D
CT L GT V AA K	GCT L TTC S ATT F GAT M	TGTO GGTO TGAO TGAO	GAAA 70 CACG T 30 GCTG L 90 CCTT L 110	CCTG L STTA L CCCT P	GCC A GAC D CCC P AAA	CCTC L CTTC F GGAA E ACGA R	TGCT C C TTCT F F GCTG A V AGCC S L	CAAAA QGCTA 15 TCA I 2 TTGA A 2 TTCA I 3	AACA 90 ACCA Q 50 TTAC A 70 TTGC A	AGGC A E E CCAA K	NACC PAGTI L	M ATGC A CTCT L TAGG	K CCGA E GTT F GAGT V	L GTI F CAA K GAA K	IGTC S 110 ICTG C 170 AGTT L 230 AGAG R 290 AAAT I 350	GGT V CCCC P CAAC S OCC C C IATI L	C CAGO A GTCT L GCAC T TGAA	CTCTT L TTGCC A CGGAT D
CT L GT V AA K	GCT L TTC S ATT F	TGT(V 1. TGA(E 19 TGA D 20 GGTC(S	GAAA 70 CACG T 330 GCTG L 90 TGCC A CCTT	CCCT CCCT P	GCC A GAC D CCG P	CTC L CTTC F GGAA E	TGCT C C TTCT F F GCTG A V	CAAAA (CAAAA (CAAAAA (CAAAA (CAAAAA (CAAAAA) (CAAAAA (CAAAAA) (CAAAAAA) (CAAAAA) (CAAAAAA) (CAAAAAA) (CAAAAAA) (CAAAAAA) (CAAAAAA) (CAAAAAAA) (CAAAAAA) (CAAAAAAA) (CAAAAAA) (CAAAAAAA) (CAAAAAA) (CAAAAAAA) (CAAAAAA) (CAAAAAAAA) (CAAAAAAAA) (CAAAAAAAAAA	AACA Q 50 ITAC S 10 CAGC A TTGC	AGGC A GTGA E CCCAA K	CCAA N NACC P NGTT L	M ATGC A CTCT L CAGG G	K CCGA E GGTT F GAGT	L F CAA K GAA K	IGTC S 110 ICTG C 170 AGTT L 230 AGAGAG R 290 AAAAT	GGT V CCCC P CAAC S SATC C C	C CAGO A GTCT L GGCAO T	CTCTT L TTGCC A CGGAT D
CT L GT V AA K	GCT L TTC S ATT F	GGTC	GAAA 70 CACG T 30 GCTG L 90 A 50 CCTT	CCCT CCCT P	GCC A GAC D CCG P	CTC L CTTC F GGAA E	TGCT C C TTCT F F GCTG A V	CAAAA GCT/ Y 1; TCA I 2 TTGG A 2 TTGA	AACA Q 50 TTAC S 10 CAGC A 70	AGGC A GTGA E CCCAA K	CCAA N NACC P NGTT L	M ATGC A CTCT L CAGG G	K CCGA E GGTT F GAGT	L F CAA K GAA K	IGTC S 110 ICTG C 170 AGTT L 230 AGAGAG R 290 AAAAT	GGT V CCCC P TAAC S S TATO	C CAGO A GTCT L GGCAO T	CTCTT L TTGCC A CGGAT D
CT L GT V	GCT L TTC S ATT	TGT(V 1. TGA(E 1! TGA	TOCACO TO	CTG L STTA L CCCT P	GCC A GAC D CCC P	CTC L CTTC F GAA E	TGCT C C TTCT F F GCTG A V	CAA/ GCT/ Y 15 TCA I 2 GTTGG	AACA Q FTAC S 10 CAGG A	AGGC A E E CCAA K	CCAA N NACC P NGT1	M A CTCT L TAGG	K E GTT F GAGT V	L GTT F CAA K	IGTC S 110 ICTG C 170 AGTT L 230 AGAG R	GGT V CCCC P CAAC SATC C	C A GTCT L GCAC	CTCTT L TTGCC A CGGAT D
CT L GT V	GCT L TTC S	TGT(V 1. TGA(E 1!	GAAA 70 CACG T 30 GCTG L 90 TGCG	CTGG L STTAG L	GCC A GAC D	CTC L CTTC F	TGCT C C TTCT F F	CAAA GCTA 15 TCA I 2 GTTGG	ACCA ACCA Q 50 TTAC S 10 CAGG	AGGC A STGA E	CAA N ACC P	M A A CTCT L	CCGA E GTT F	GTI F CA/ K	IGTC S 110 ICTG C 170 AGTT L 230 AGAG	GGT V CCCC P) TAAC S S O GATC C	C AGC A STCT L	CTCTT L TTGCC A
CT L GT V	GCT L TTC S	TGT(GGT(V 1, TGA(E	GAAA 70 CACG T 30 GCTG L 90	CTG L STTA	GCC A GAC D	CTC L CTTC F	TGCT C C TTCT F F	CAAA GCTA Y 15 TCA I 2	AACA Q 50 TTAC S	AGGO A STGA E	CAA N NACC	M A A CTCT L	K CCGA E GTT F	L GTT F CA/ K	IGTC S 110 ICTG C 170 AGTT L 230	CGGT V CCCC P) AAC S	C AGC A STCT L	L CTCTT L TTGCC A
CT L GT V	GCT L TTC S	TGT(GGT(V 1, TGA(E	GAAA 70 CACG T 30 GCTG L 90	CTG L STTA	GCC A GAC D	CTC L CTTC F	TGCT C C TTCT F F	CAAA GCTA Y 15 TCA I 2	AACA Q 50 TTAC S	AGGO A STGA E	CAA N NACC	M A A CTCT L	K CCGA E GTT F	L GTT F CA/ K	IGTC S 110 ICTG C 170 AGTT L 230	CGGT V CCCC P) AAC S	C AGC A STCT L	L CTCTT L TTGCC A
CT L	GCT L TTC	TGT(GGT(V 1.	GAAA 70 CACG T 30 GCTG	CTG L	GCC A GAC	CTC L	TGCT C C	CAA/ GCT/ Y 15	AACA ACCA Q 50	AGGC A AGTGA	CAA N	M ATGC A	K CCGA E CTT	L GT1 F	IGTC S 110 ICTG C 170 AGTT	GGT V CCCC P AAC	C AGC A STCT	L CTCTT L
CT L	GCT L	TGT(GGT(V 1:	GAAA 70 CACG T 30	CTG(GCC A	CTC L	TGCT C C	CAA/ GCT/ Y	ACC# ACC# Q 50	AGGC A	CAA N	M ATGC A	K CGA E	L IGT1 F	IGTC S 110 ICTG C 170	CGGT V CCCC P	C AGC A	L CTCTT L
		TGT(GGT(V	GAAA 70 CACG T	CTG(GCC A	CTC L	TGCT C C	CAAA GCTA	AACA 06 AOOA Q	\GGC	CAA	M ATGC	K CGA	L GT1	IGTC S 110 ICTG C	GGT V O CCCC	C CAGC	L
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FIG.3

1	MRLSVCLLMVSLALCCYQAHA.LVCPAVASEIIVFLFLSUAAVNLQVAKL	
4	ielsIcIlim.lavccyeanasqicelvahetisflmkseeelkkelemy	52
50	NPPPEALAAKLEVKHCTDQISFKKRLSLEKVLVEIVKKCGV 90	
53	nappaaveaklevkrcvdqmsngdrlvvaetlvyiflecgv 93	

1	MKLSVCLLLVTLALCCYQANA.EFCPALVSELLDFFFISEPLFKLSLAKF	49
4	:. : :: : : :: . :. :. :: . : . .:: iels c lim.lavccyeanasqice vahetisf mkseee kke emy	52
50	DAPPEAVAAKLGVKRCTDQMSLQKRSLIAEVLVKILKKCSV 90	
53	nappaaveaklevkrcvdqmsngdrlvvaetlvyifleagv 93	

FIG.5

	MKLLMVLMLAALLLHCYA.DSGCKLLEDMVEKTINSDISIPEYKELLQEF	
1	mklvflfllvtipiccyasgsgcsildevirgtinstvtlhdymklvkpy	J
50	IDSDAAAEAMCKFKQCFLNQSHRTLKNFGLMMHTVYDSIWCNMKSN 95	
51	:: : . : : . . : :: . vgahftekavkqfkqcfldqtdktlenvgvmmeaifnsescqqps. 95	

FIG.6





